

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2026-06-12 09:53:49  
 Date of Next Testing: 2028-06-11 09:53:49  
 Product Name: **L-Leucine-7-amido-4-methylcoumarin hydrochloride**  
 CAS Number: 62480-44-8  
 Specifications & Purity:  $\geq 99\%$ (HPLC)  
 Lot #: F2608365  
 SKU #: **L131532**  
 Version: **0**  
 Analysis #: **706680**  
 Storage Temperature: Protected from light, Store at -20°C

| Parameter                      | Limit Values                                   | Result                                         |
|--------------------------------|------------------------------------------------|------------------------------------------------|
| Purity(HPLC)                   | 99-100 (%)                                     | 99.91300 %                                     |
| Nitrogen by Elemental Analysis | 8.3-8.9 (%)                                    | 8.50000 %                                      |
| Water by Karl Fischer          | 0-6 (%)                                        | 2.30000 %                                      |
| Carbon by Elemental Analysis   | 58-60.4 (%)                                    | 60.00000 %                                     |
| Appearance (L131532)           | white to white with a light yellow cast powder | white to white with a light yellow cast powder |
| Solubility in MeOH             | almost transparency                            | almost transparency                            |
| Proton NMR spectrum            | Conforms to Structure                          | Conforms to Structure                          |



John Su  
QA & QC Manager